

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: July 17, 2001, 15:49:43 ; Search time 25.42 Seconds

(without alignments)
71.322 Million cell updates/sec

Title: US-09-549-342a-10

Perfect score: 459
Sequence: 1 MRLSYCLMWSLALCCYQAH.....FKERLSLKSWGIYKCGV 90

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Sched: 193259 seqs, 20144635 residues

Total number of hits satisfying chosen parameters: 193259

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database : Issued_Patents_AA.*
1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep.*
2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep.*
3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep.*
4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep.*
5: /cgn2_6/ptodata/2/1aa/PCUUS.COMB.pep.*
6: /cgn2_6/ptodata/2/1aa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	424	92.4	90	3	US-08-821-451A-2
2	424	92.4	90	4	US-09-263-810-2
3	258	56.2	90	3	US-08-821-451A-4
4	258	56.2	90	4	US-09-263-810-4
5	258	56.2	90	4	US-08-512-276-15
6	180	39.2	90	3	US-08-821-451A-25
7	180	39.2	90	3	US-08-821-451A-26
8	180	39.2	90	4	US-09-263-810-25
9	180	39.2	90	4	US-09-263-810-26
10	168	36.6	69	4	US-08-912-276-23
11	119	25.9	45	4	US-08-512-276-22
12	100	21.8	91	1	US-08-455-896-8
13	100	21.8	91	2	US-08-933-149-8
14	100	21.8	91	2	US-09-082-343-8
15	100	21.8	91	3	US-09-082-253-8
16	100	21.8	91	5	PCT-US96-08235-8
17	66	14.4	1110	1	US-08-118-441-29
18	66	14.4	1110	3	US-08-338-579A-29
19	66	14.4	1110	5	PCT-US94-09851-29
20	61	13.3	92	1	US-07-807-529A-2
21	61	13.3	92	5	PCT-US93-02462-2
22	61	13.3	94	1	US-07-662-193-1
23	61	13.3	94	3	US-08-300-928C-2
24	61	13.3	94	3	US-08-300-928C-11
25	61	13.3	94	3	US-08-430-944D-2
26	61	13.3	94	3	US-08-430-944D-11
27	61	13.3	94	3	US-08-430-014-2

28	61	13.3	94	3	US-08-430-014-11	Sequence 11, Appl
29	61	13.3	94	4	US-08-431-184-2	Sequence 2, Appl1
30	61	13.3	94	4	US-08-431-184-11	Sequence 11, Appl
31	60.5	13.2	446	1	US-07-626-618A-21	Sequence 21, Appl
32	60.5	13.2	446	1	US-07-626-618A-22	Sequence 22, Appl
33	60.5	13.2	446	1	US-08-333-977-21	Sequence 21, Appl
34	60.5	13.2	446	2	US-08-333-977-22	Sequence 22, Appl
35	60.5	13.2	446	2	US-07-969-267B-4	Sequence 2, Appl
36	60.5	13.2	487	1	US-08-444-734A-2	Sequence 4, Appl1
37	59.5	13.0	517	4	US-08-974-549A-606	Sequence 2, Appl1
38	59	12.9	15	4	US-08-912-276-19	Sequence 606, App
39	57.5	12.5	421	1	US-08-196-989B-12	Sequence 19, Appl
40	57.5	12.5	421	2	US-08-760-936-12	Sequence 12, Appl
41	57.5	12.5	422	1	US-07-817-920-3	Sequence 3, Appl
42	57.5	12.5	422	1	US-08-370-342-3	Sequence 3, Appl1
43	57.5	12.5	422	1	US-08-117-006-3	Sequence 3, Appl1
44	57.5	12.5	422	1	US-08-216-594-3	Sequence 3, Appl1
45	57.5	12.5	422	1	US-08-542-358-3	Sequence 3, Appl1

ALIGNMENTS

RESULT 1
US-08-821-451A-2
Sequence 2, Application US/08821451A
Patent No. 6066724
GENERAL INFORMATION:
APPLICANT: Jian N1, Guo-Liang Yu and Reiner Genz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
BINDING FACTOR I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/821,451A
FILING DATE: March 21, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/014,724
FILING DATE: March 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1740
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-08-821-451A-2
Query Match 92.4%; Score 424; DB 3; Length 90;
Best Local Similarity 94.4%; Pred. No. 8.9e-48;
Matches 85; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

OY 1 MRLSVCLLWVSLALCCYQAHALVCPAVASEITVFLFLSDAAVNLQYAKLNPPPEALAAKL 60
DB 1 MRLSVCLLWVSLALCCYQAHALVCPAVASEITVFLFLSDAAVNLQYAKLNPPPEALAAKL 60
OY 61 EVKHCITDQISFKRRLSLKRWGVIYKCGV 90
DB 61 EVKHCITDQISFKRRLSLKRWGVIYKCGV 90

RESULT 2

US-09-263-810-2
Sequence 2, Application US/09263810
Patent No. 6174992
GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
TITLE OF INVENTION: Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,810
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-09-263-810-2

Query Match 92.4%; Score 424; DB 4; Length 90;
Best Local Similarity 94.4%; Pred. No. 8.9e-48;
Matches 85; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

OY 1 MRLSVCLLWVSLALCCYQAHALVCPAVASEITVFLFLSDAAVNLQYAKLNPPPEALAAKL 60
DB 1 MRLSVCLLWVSLALCCYQAHALVCPAVASEITVFLFLSDAAVNLQYAKLNPPPEALAAKL 60
OY 61 EVKHCITDQISFKRRLSLKRWGVIYKCGV 90
DB 61 EVKHCITDQISFKRRLSLKRWGVIYKCGV 90

RESULT 3
US-08-821-451A-4
Sequence 4, Application US/08821451A
Patent No. 6066724
GENERAL INFORMATION:

APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
TITLE OF INVENTION: Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/821,451A
FILING DATE: March 21, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/014,724
FILING DATE: March 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-08-821-451A-4

Query Match 56.2%; Score 258; DB 3; Length 90;
Best Local Similarity 55.6%; Pred. No. 2.8e-26;
Matches 50; Conservative 17; Mismatches 23; Indels 0; Gaps 0;

OY 1 MRLSVCLLWVSLALCCYQAHALVCPAVASEITVFLFLSDAAVNLQYAKLNPPPEALAAKL 60
DB 1 MRLSVCLLWVSLALCCYQAHALVCPAVASEITVFLFLSDAAVNLQYAKLNPPPEALAAKL 60
OY 61 EVKHCITDQISFKRRLSLKRWGVIYKCGV 90
DB 61 EVKHCITDQISFKRRLSLKRWGVIYKCGV 90

RESULT 4
US-09-263-810-4
Sequence 4, Application US/09263810
Patent No. 6174992
GENERAL INFORMATION:

APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
TITLE OF INVENTION: Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE

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APPLICATION NUMBER: US/08/912,276
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 5972.US.PI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 6183952e
US-08-912-276-15

Query Match          56.2%; Score 258; DB 4; Length 90;
Best Local Similarity 55.6%; Pred. No. 2.8e-26;
Matches 50; Conservative % 17; Mismatches 23; Indels 0; Gaps 0;

QY      1 MRLSCLIMSLALCCVVAHNLCPAVSEITVFLEISDAVNVLQVAKLNPPETLAKL 60
        I :|::||::|:||||||::|::|::|::|::|::|::|::|::|::|::|::|::|
Db       1 MKLSCLLVLTALACCVQAANEPCPALVSLLDFFFISEPLEKLSLAEDAPPEVAKL 60

QY      61 EVKHCTDISFERKSLTKSWGIKKGV 90
        |||||::|::|::|::|::|::|::|::|::|::|::|::|::|
Db       61 GVKRCTDMSLQKRSLIAEVLKIKRCSV 90

RESULT 6
US-08-821-451A-25
Sequence 25, Application US/08821451A
Patent No. 6066724
GENERAL INFORMATION:
APPLICANT: Jian NI, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
TITLE OF INVENTION: Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CARELIA, BYRNE, BAIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/821,451A
FILING DATE: March 21, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/014,724
FILING DATE: March 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744

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Query Match	39.2%	Score 180;	DB 3;	Length 90;
Best Local Similarity	44.0%;	Pred. No. 3.5e-16;		
Matches 40;	Conservative 18;	Mismatches 31;	Indels 2;	Gaps 2

RESULT 9
US-09-263-810-26
; Sequence 26, Application US/09263810
; Patent No. 6174992
; GENERAL INFORMATION:

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Query Match          39.2%; Score 180; DB 4; Length 90;
Best Local Similarity 44.0%; Pred. No. 3,5e-16;
Matches 40; Conservative 18; Mismatches 31; Indels 2; Gaps 2

OY      1 MRLSVCLLMSIALCCYOQAH-LVCPAVASEITVFLEISDAVINIQAKLNPPPEALAAK 59
       : ::::: : ::::: : : : : : : : : : : : : : : : : : : : : : : :
       1 IELSCLL-IMLVACSEYNASQIELVAHEITSEFLAKSEEBLKRELEYNAPPAVEAK 59

OY      60 LEVKHCTDIPSEFKERSLSKSWGIVKKCGV 90
       ||| | | | : | : | : | : | : | : | : | : | : | : | : | : | : |
Db      60 LEVKRCVDQMNGDRILVAETLYIFLEBGV 90

RESULT 10
US-08-912-276-23
: Sequence 23, Application US/08912276
: Patent No. 6183952
: GENERAL INFORMATION:
: APPLICANT: Billing-Medel, Patricia A.
: APPLICANT: Cohen, Maurice
: APPLICANT: Colpits, Tracey L.
: APPLICANT: Friedman, Paula N.
: APPLICANT: Gordon, Julian
: APPLICANT: Granados, Edward N.
: APPLICANT: Hodges, Steven C.
: APPLICANT: Klass, Michael R.
: APPLICANT: Kratochvil, Jon D.
: APPLICANT: Roberts-Rapp, Lisa
: APPLICANT: Russell, John C.
: APPLICANT: Strupe, Steven D.
: TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
: FOR DETECTING DISEASES OF THE BREAST

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Query Match Similarity      36.6%; Score 168; DB 4; Length 69;
Best Local Similarity      49.3%; Pred. No. 8.8e-15;
Matches   33; Conservative    13; Mismatches 21; Indels    0; Gaps    0;

QY       24 CPVAASEITVLELSDAAYNLOVAKLNPPPEALAAKLEYVHCSTDQISFERLSLKSWG 83
          |||::||:||||:|:||:||||:||||| | ||||:|:|:|:|:|
Db        3 CPATSELDIEFTSEPIFKTSLAKFDAPPAEVAALKGVKCTDQMSLCKRSLLAEVLVK 62
          |||::||:||||:|:||:||||:||||| | ||||:|:|:|:|

OY       84 IYKRCGV 90
          |::||| |
Db        63 ILKKCSV 69

RESULT   11
US-08-912-276-22
: Sequence 22, Application US/08912276
: Patent No. 6183952
: GENERAL INFORMATION:
: APPLICANT: Billing-Medel, Patricia A.
: APPLICANT: Cohen, Maurice
: APPLICANT: Colpits, Tracey L.
: APPLICANT: Friedman, Paula N.
: APPLICANT: Gordon, Julian
: APPLICANT: Granados, Edward N.
: APPLICANT: Hodges, Steven C.
: APPLICANT: Kلاس, Michael R.
: APPLICANT: Kratochvil, Jon D.
: APPLICANT: Roberts-Rapp, Lisa
: APPLICANT: Russell, John C.
: APPLICANT: Stroupe, Steven D.
: TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
: FOR DETECTING DISEASES OF THE BREAST
: NUMBER OF SEQUENCES: 25
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Abbott Laboratories

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; REFERENCE/DOCKET NUMBER: 952726
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (314) 727-5188
;   TELEFAX: (314) 727-6092
;   INFORMATION FOR SEQ ID NO: 8:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 91 amino acids
;       TYPE: amino acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear
;     MOLECULE TYPE: protein
;     HYPOTHETICAL: NO
US-08-455-896-8

Query Match      21.8%; Score 100; DB 1; Length 91;
Best Local Similarity 30.4%; Pred. No. 8e-06;
Matches 24; Conservative 16; Mismatches 39; Indels 0; Gaps 0;

OY    1 MLATVCLMVSALTCYQNALVCVAIVSEITVFLELSDAAVNLOVAKINPPEALA LK 60
      | :|::||| ||| ::||| | | | | | | | | | | | | | | | | | |
DB    1 MKLATLVTLVLTALCCSSAELICSFQVIVETLLMDTFSIEAMELFSPQDRERGA 60
      ::| | | | | | | | | | | | | | | | | | | | | | | | | | |

OY    61 EVKHCTDQISEFKERLSLK 79
      ::| | | | | | | | | | | | | | | | | | | | | | | | | | |
DB    61 QLKVLVDLPQRRESIIK 79
      ::| | | | | | | | | | | | | | | | | | | | | | | | | | |

RESULT 13
US-08-933-149-8
; Sequence 8, Application US/08933149
; Patent No. 5922836
; GENERAL INFORMATION:
;   APPLICANT: WATSON, MARK A.
;   APPLICANT: FLEMING, TIMOTHY P.
;   TITLE OF INVENTION: MAMMAGLOBIN, A SECRETED
;     TITLE OF INVENTION: MAMMARY SPECIFIC BREAST CANCER PROTEIN
;   NUMBER OF SEQUENCES: 14
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: HOWELL & HAFFERKAMP, L.C.
;     STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
;     CITY: ST. LOUIS
;     STATE: MISSOURI
;     COUNTRY: USA
;     ZIP: 63105-1817
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/933,149
;   FILING DATE:
;   CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
;   NAME: HENDERSON, MELODIE W.
;   REGISTRATION NUMBER: 37,848
;   REFERENCE/DOCKET NUMBER: 6029-6040
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (314) 727-6092
;   TELEFAX: (314) 727-6092
; INFORMATION FOR SEQ ID NO: 8:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 91 amino acids
;     TYPE: amino acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;     MOLECULE TYPE: protein
;     HYPOTHETICAL: NO
US-08-933-149-8

Query Match      21.8%; Score 100; DB 2; Length 91;

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RESULT 15

Search completed: July 17, 2001, 15:49:43
Job time: 225 sec

SEQ ID #2 (Bu101)

ALBUQUERQUE

RESULT 1
US-08-821-451A-4
Sequence 4, Application US/08821451A
Patent No. 6066724
GENERAL INFORMATION:
APPLICANT: JIAN NI, GUO-LIANG YU and Reiner Genz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/821,451A
FILING DATE: March 21, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/014,724
FILING DATE: March 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PR257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-08-821-451A-4

Query Match 100.0%; Score 450; DB 3; Length 90;
Best Local Similarity 100.0%; Pred. No. 2.4e-49;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Tue Jul 17 16:04:45 2001

QY 1 MKLSVCLLVLTALCCYOANAEPCALVSELDFFFISEPLFKLSLAKFPAPPAVAKL 60
DB 1 MKLSVCLLVLTALCCYOANAEPCALVSELDFFFISEPLFKLSLAKFPAPPAVAKL 60
QY 61 GVKRCTDOMSLQKRSLLAEVLVKILKCSV 90
DB 61 GVKRCTDOMSLQKRSLLAEVLVKILKCSV 90

RESULT 2
US-09-263-810-4
Sequence 4, Application US/09263810

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28 59.5 12.0 114 1 US-08-504-042-3 Sequence 3, Appl1
29 59.5 12.0 114 1 US-08-504-042-6 Sequence 6, Appl1
30 59.5 12.0 114 1 US-08-504-042-12 Sequence 12, Appl1
31 59.5 12.0 114 2 US-08-725-969-3 Sequence 3, Appl1
32 59.5 12.0 114 2 US-08-725-969-6 Sequence 6, Appl1
33 59.5 12.0 114 2 US-08-794-524-3 Sequence 3, Appl1
34 59.5 12.0 114 2 US-08-794-524-6 Sequence 6, Appl1
35 59.5 12.0 114 4 US-09-189-193-3 Sequence 3, Appl1
36 59.5 12.0 114 4 US-09-189-193-6 Sequence 6, Appl1
37 59.5 12.0 114 5 PCT-US94-03793-3 Sequence 3, Appl1
38 59.5 12.0 114 5 PCT-US94-03793-6 Sequence 6, Appl1
39 59.5 12.0 114 5 PCT-US94-03793-12 Sequence 12, Appl1
40 59.5 12.0 122 1 US-08-300-903A-3 Sequence 3, Appl1
41 59.5 12.0 162 1 US-08-031-399-2 Sequence 2, Appl1
42 59.5 12.0 162 1 US-08-031-399-5 Sequence 5, Appl1
43 59.5 12.0 162 1 US-08-393-305-2 Sequence 2, Appl1
44 59.5 12.0 162 1 US-08-393-305-5 Sequence 5, Appl1
45 59.5 12.0 162 1 US-08-535-733-2 Sequence 2, Appl1

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ALIGNMENTS

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RESULT 1
US-08-821-451A-6
; Sequence 6, Application US/08821451A
; Patent No. 6066724
; GENERAL INFORMATION:
; APPLICANT: Jian Nt, Guo-Liang Yu and Reiner Gentz
; TITLE OF INVENTION: Human Endometrial Specific Steroid-
; TITLE OF INVENTION: Binding Factor I, II and III
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/821,451A
; FILING DATE: March 21, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/014,724
; FILING DATE: March 21, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: MULLINS, J.G.
; REGISTRATION NUMBER: 33,073
; REFERENCE/DOCKET NUMBER: 325800-521 (PE257)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 95 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
; US-08-821-451A-6

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Query Match 100.0%; Score 496; DB 3; Length 95;
Best Local Similarity 100.0%; Pred. No. 5e-54;
Matches 95; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Tue Jul 17 16:04:46 2001

us-09-54

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QY 1 MKLMVMTAALLHACYADSCGKLEDMVETINSISIPYKELQEFIDSDAAEAMG 60
DB 1 MKLMVMTAALLHACYADSCGKLEDMVETINSISIPYKELQEFIDSDAAEAMG 60
QY 61 KFKCCFLNOSHRTLKNGMLMHTVYDSIMCNMKN 95
DB 61 KFKCCFLNOSHRTLKNGMLMHTVYDSIMCNMKN 95

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RESULT 2
US-09-263-810-6
; Sequence 6, Application US/09263810

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Seq ID#3 (B4250)

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GenCore version 4.5
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OM protein - protein search, using sw model

Run on: July 17, 2001, 15:49:42 ; Search time 25.42 Seconds
(Without alignments)
75.285 Million cell updates/sec

Title: US-09-549-342a-3

Perfect score: 496
Sequence: 1 MKLWVIMIAALLHCYADS.....NFGIMMHTYDSIMCKSKN 95

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Archived: 193259 seqs, 20144635 residues

Total number of hits satisfying chosen parameters: 193259

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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1	496	100.0	95	3	US-08-821-451A-6
2	496	100.0	95	4	US-09-263-810-6
3	281	56.7	93	1	US-08-455-896-2
4	281	56.7	93	2	US-08-933-149-2
5	281	56.7	93	2	US-09-082-343-2
6	281	56.7	93	3	US-09-082-353-2
7	281	56.7	93	5	PCT-US96-08235-2
8	196.5	39.6	95	3	US-08-821-451A-27
9	196.5	39.6	95	4	US-09-263-810-27
10	196.5	39.4	95	1	US-08-455-896-7
11	195.5	39.4	95	2	US-08-933-149-7
12	195.5	39.4	95	2	US-08-082-343-7
13	195.5	39.4	95	3	US-09-082-253-7
14	195.5	39.4	95	5	PCT-US96-08235-7
15	65	13.1	1255	4	US-08-947-823-3
16	63.5	12.8	582	1	US-08-431-080-16
17	63.5	12.8	582	2	US-08-938-534-16
18	61	12.3	446	2	US-08-922-171-3
19	61	12.3	472	2	US-08-922-171-2
20	61	12.3	1257	4	US-08-947-823-5
21	59.5	12.0	114	1	US-08-031-399-3
22	59.5	12.0	114	1	US-08-031-399-6
23	59.5	12.0	114	1	US-08-031-399-12
24	59.5	12.0	114	1	US-08-393-305-3
25	59.5	12.0	114	1	US-08-393-305-6
26	59.5	12.0	114	1	US-08-726-817-3
27	59.5	12.0	114	1	US-08-726-817-6

28	59.5	12.0	114	1	US-08-504-042-3	Sequence 3, Appl
29	59.5	12.0	114	1	US-08-504-042-6	Sequence 6, Appl
30	59.5	12.0	114	1	US-08-504-042-12	Sequence 12, Appl
31	59.5	12.0	114	2	US-08-725-969-3	Sequence 3, Appl
32	59.5	12.0	114	2	US-08-725-969-6	Sequence 6, Appl
33	59.5	12.0	114	2	US-08-794-524-3	Sequence 3, Appl
34	59.5	12.0	114	2	US-08-794-524-6	Sequence 6, Appl
35	59.5	12.0	114	4	US-09-189-193-3	Sequence 3, Appl
36	59.5	12.0	114	4	US-09-189-193-6	Sequence 6, Appl
37	59.5	12.0	114	5	PCT-US94-03793-3	Sequence 3, Appl
38	59.5	12.0	114	5	PCT-US94-03793-6	Sequence 6, Appl
39	59.5	12.0	114	5	PCT-US94-03793-12	Sequence 12, Appl
40	59.5	12.0	122	1	US-08-300-903A-3	Sequence 3, Appl
41	59.5	12.0	162	1	US-08-031-399-2	Sequence 2, Appl
42	59.5	12.0	162	1	US-08-031-399-5	Sequence 5, Appl
43	59.5	12.0	162	1	US-08-393-305-2	Sequence 2, Appl
44	59.5	12.0	162	1	US-08-393-305-5	Sequence 5, Appl
45	59.5	12.0	162	1	US-08-535-733-2	Sequence 2, Appl

ALIGNMENTS

RESULT 1

US-08-821-451A-6
Sequence 6, Application US/08821451A
Patent No. 606724

GENERAL INFORMATION:

APPLICANT: Jian N1, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
Binding Factor I, II and III
NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESSES:

ADDRESSEE: CECCHIA, BYRNE, BAIN, GILFILLAN,
ADDRESS: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/821,451A

FILING DATE: March 21, 1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/014,724

FILING DATE: March 21, 1996

ATTORNEY/AGENT INFORMATION:

NAME: MULINS, J.G.
REGISTRATION NUMBER: 33,073

REFERENCE/DOCKET NUMBER: 325800-521 (PF257)

TELEPHONE: 201-994-1700

TELEFAX: 201-994-1744

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 95 AMINO ACIDS

TYPE: AMINO ACID

STRANDEDNESS:

TOPOLOGY: LINEAR

MOLECULE TYPE: PROTEIN

US-08-821-451A-6

Query Match 100.0%; Score 496; DB 3; Length 95;
Best Local Similarity 100.0%; Pred. No. 5e-54;
Matches 95; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLWVLMALALHLCYADSGCKLEDMVEKTI NSDISIPEYKELLOEFTIDSDAAAEAMG 60
DB 1 MKLWVLMALALHLCYADSGCKLEDMVEKTI NSDISIPEYKELLOEFTIDSDAAAEAMG 60
QY 61 KFKOCFLNOSHRTLNKNGFGLMHTVYDSIWCNMKSN 95
DB 61 KFKOCFLNOSHRTLNKNGFGLMHTVYDSIWCNMKSN 95

RESULT 2

US-09-263-810-6
Sequence 6, Application US/09263810
Patent No. 6174992
GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
TITLE OF INVENTION: Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,810
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 95 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-09-263-810-6

Query Match 100.0%; Score 496; DB 4; Length 95;
Best Local Similarity 100.0%; Pred. No. 5e-54;
Matches 95; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLWVLMALALHLCYADSGCKLEDMVEKTI NSDISIPEYKELLOEFTIDSDAAAEAMG 60
DB 1 MKLWVLMALALHLCYADSGCKLEDMVEKTI NSDISIPEYKELLOEFTIDSDAAAEAMG 60
QY 61 KFKOCFLNOSHRTLNKNGFGLMHTVYDSIWCNMKSN 95
DB 61 KFKOCFLNOSHRTLNKNGFGLMHTVYDSIWCNMKSN 95

RESULT 3
US-08-455-896-2
Sequence 2, Application US/08455896
Patent No. 5668267
GENERAL INFORMATION:

APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTHY P.
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105-1817

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,896
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 952726
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 93 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
US-08-455-896-2

Query Match 56.7%; Score 281; DB 1; Length 93;
Best Local Similarity 58.7%; Pred. No. 1.5e-27;
Matches 54; Conservative 13; Mismatches 23; Indels 0; Gaps 0;

QY 1 MKLWVLMALALHLCYADSGCKLEDMVEKTI NSDISIPEYKELLOEFTIDSDAAAEAMG 60
DB 1 MKLWVLMALALHLCYADSGCKLEDMVEKTI NSDISIPEYKELLOEFTIDSDAAAEAMG 60
QY 61 KFKOCFLNOSHRTLNKNGFGLMHTVYDSIWCNM 92
DB 61 ELKECFLNQDTLSNVEFMOLIVDSISICDL 92

RESULT 4
US-08-933-149-2
Sequence 2, Application US/08933149
Patent No. 5922836
GENERAL INFORMATION:

APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTHY P.
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105-1817

COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/933,149
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: HENDERSON, MELODIE W.
REGISTRATION NUMBER: 37,848
REFERENCE/DOCKET NUMBER: 6029-6040
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 93 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
08-933-149-2

Query Match 56.7%; Score 281; DB 2; Length 93;
Best Local Similarity 58.7%; Pred. No. 1.5e-27;
Matches 54; Conservative 13; Mismatches 25; Indels 0; Gaps 0;

OY 1 MKLMTVLAALLHCYADSGCKLLEDVETINSIDIPYKELQEFITSDAAAEAMG 60
Db 1 MKLMTVLAALLHCYADSGCKLLEDVETINSIDIPYKELQEFITSDAAAEAMG 60
OY 61 KFKCFLNQSHTLKNFGIMHTVYDSICNN 92
Db 61 ELKECFLNQTDETLSNVEVFMQLYDSSLCDI 92

RESULT 5
US-09-082-343-2
Sequence 2, Application US/09082343
Patent No. 5968754
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTHY P.
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/082,343
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/455,896
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 952726
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
LENGTH: 93 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
US-09-082-343-2

Query Match 56.7%; Score 281; DB 2; Length 93;
Best Local Similarity 58.7%; Pred. No. 1.5e-27;
Matches 54; Conservative 13; Mismatches 25; Indels 0; Gaps 0;

OY 1 MKLMTVLAALLHCYADSGCKLLEDVETINSIDIPYKELQEFITSDAAAEAMG 60
Db 1 MKLMTVLAALLHCYADSGCKLLEDVETINSIDIPYKELQEFITSDAAAEAMG 60
OY 61 KFKCFLNQSHTLKNFGIMHTVYDSICNN 92
Db 61 ELKECFLNQTDETLSNVEVFMQLYDSSLCDI 92

RESULT 6
US-09-082-253-2
Sequence 2, Application US/09082253
Patent No. 6004756
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTHY P.
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/082,253
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/455,896
FILING DATE: 05/31/1995
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 952726
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 93 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
US-09-082-253-2

Query Match 56.7%; Score 281; DB 3; Length 93;
Best Local Similarity 58.7%; Pred. No. 1.5e-27;
Matches 54; Conservative 13; Mismatches 25; Indels 0; Gaps 0;

QY 1 MKLLVLMALALLHCYADSGCKLEDMVEKTI NSDISIPEYKELLQEFIDSDAAAEAMG 60
DB 1 MKLLVLMALALSHCHYAGSGCPLEENVISKTI NPGVSKTEYKELLQEFIDNATTAID 60
QY 61 KFKQCFLNOSHRTLNKFGMLMHTVYDSIWCNM 92
DB 61 ELKECFLNQDTETLSNVEVFMOLITDSSLCDL 92

RESULT 7

PCT-US96-08235-2
Sequence 2, Application PC/TUS9608235
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTHY P.
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/08235
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 964796
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 93 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHEICAL: NO
US96-08235-2

Query Match 56.7%; Score 281; DB 5; Length 93;
Best Local Similarity 58.7%; Pred. No. 1.5e-27;
Matches 54; Conservative 13; Mismatches 25; Indels 0; Gaps 0;

QY 1 MKLLVLMALALLHCYADSGCKLEDMVEKTI NSDISIPEYKELLQEFIDSDAAAEAMG 60
DB 1 MKLLVLMALALSHCHYAGSGCPLEENVISKTI NPGVSKTEYKELLQEFIDNATTAID 60
QY 61 KFKQCFLNOSHRTLNKFGMLMHTVYDSIWCNM 92
DB 61 ELKECFLNQDTETLSNVEVFMOLITDSSLCDL 92

RESULT 8

US-08-821-451A-27
Sequence 27, Application US/08821451A
Patent No. 6066724
GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-

TITLE OF INVENTION: Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/821,451A
FILING DATE: March 21, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/014,724
FILING DATE: March 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 95 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-08-821-451A-27

Query Match 39.6%; Score 196.5; DB 3; Length 95;
Best Local Similarity 35.8%; Pred. No. 4.1e-17;
Matches 34; Conservative 31; Mismatches 29; Indels 1; Gaps 1;

QY 1 MKLLVLMALALLHCYADSGCKLEDMVEKTI NSDISIPEYKELLQEFIDSDAAAEAMG 59
DB 1 MKLVFLFLVLTIPICCYAGSGCSDIDEVIRGTINSTVLHDKLVKRYVQAHFTEKAV 60
QY 60 GKFKQCFLNOSHRTLNKFGMLMHTVYDSIWCNMKS 94
DB 61 KFKQCFLNQDTETLSNVEVFMOLITDSSLCDL 95

RESULT 9

US-09-263-810-27
Sequence 27, Application US/09263810
Patent No. 6174992
GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS


```

      LENGTH: 95 amino acids
      TYPE: amino acid
      STRANDEDNESS: single
      TOPOLOGY: linear
      MOLECULE TYPE: protein
      HYPOTHETICAL: NO
      US-08-455-896-7

Query Match          39.4%; Score 195.5; DB 1; Length 95;
Best Local Similarity 35.8%; Pred. NO. 5.4e-17;
Matches 34; Conservative 30; Mismatches 30; Indels 1; Gaps 1;

QY 1 KLLNLVLMALALLHCYAD-SGCKLLIEDNVEKTIINSIDISIPYKELLQEFIDSDAAAEEM 59
   |||: :|: :|: ||| ||| :||::: |||::: :|: :|: :|:
Db 1 MKLVLPFLVLPICCVASGSGCSILDEYRTIGTINSTVLYLHDYMKLVKRYQDHFTEKAV 60

QY 60 GKFKOCFLNQSHTRLKTNFGLMHHITYYDSTICNMKS 94
   :|||||: :|: :|: ||| :||: :|: :|:
Db 61 KQFKOCFLDQFDKLTLENVGYMMEALFNFSGCCOPS 95

RESULT 11

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RESULT 11
 US-08-933-149-7
 ; Sequence 7, Application US/08933149
 ; Patent No. 5922836
 ;
 ; GENERAL INFORMATION:
 ;
 ; APPLICANT: WATSON, MARK A.
 ;
 ; APPLICANT: FLEMING, TIMOTHY P.
 ;
 ; TITLE OF INVENTION: MAMMAGLOJIN, A SECRETED
 ;
 ; TITLE OF INVENTION: MAMMARY SPECIFIC BREAST CANCER PROTEIN
 ;
 ; NUMBER OF SEQUENCES: 14
 ;
 ; CORRESPONDENCE ADDRESS:
 ;
 ; ADDRESSEE: HOWELL & HAFERKAMP, L.C.
 ;
 ; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
 ;
 ; CITY: ST. LOUIS

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1 ZIP: 63105-1817
2
3 COMPUTER READABLE FORM:
4
5 MEDIUM TYPE: Floppy disk
6
7 COMPUTER: IBM PC compatible
8
9 OPERATING SYSTEM: PC-DOS/MS-DOS
10
11 SOFTWARE: PatentIn Release #1.0, Version #1.25
12
13 CURRENT APPLICATION DATA:
14
15 APPLICATION NUMBER: US/08/933,149
16
17 FILING DATE:
18
19 CLASSIFICATION: 424
20
21 ATTORNEY/AGENT INFORMATION:
22
23 NAME: HENDERSON, MELODIE W.
24
25 REGISTRATION NUMBER: 37,848
26
27 REFERENCE/DOCKET NUMBER: 6029-6040
28
29 TELECOMMUNICATION INFORMATION:
30
31 TELEPHONE: (314) 727-5188
32
33 TELEFAX: (314) 727-6092
34
35 INFORMATION FOR SEQ ID NO: 7:
36
37 SEQUENCE CHARACTERISTICS:
38
39 LENGTH: 95 amino acids
40
41 TYPE: amino acid
42
43 STRANDEDNESS: single
44
45 TOPOLOGY: linear
46
47 MOLECULE TYPE: protein
48
49 HYPOTHEetical: NO
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51 US-08-933-149-7
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SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/08235
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 964796
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 95 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
PCT-US96-08235-7

Query Match 39.4%, Score 195.5; DB 5; length 95;
Best Local Similarity 35.8%; Pred. No. 5.4e-17;
Matches 34; Conservative 30; Mismatches 30; Indels 1; Gaps 1

QY 1 MKLLMVLMLALLHLCYAD-SGCKLLEDDVEXTINISDISIPRYKELQGFIDSDAAAEAM 59
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1 MKLVFLFLLTVLPICCVAGSGCSGLTIDEUETITNTINSTVALHLMIKVKVKKVYVDHFTEKAV 60

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Oy      60 GKFKQCFLNQSHRYLKNFGIMHHYYDSIWCNMKS   94  
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Db      61 KQFKQCFLDQTDKLTENVGVMMEALFNSESCQPS   95
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RESULT 15
US-08-947-

Sequence 3, Application US/08947823
Patent No. 6114605

GENERAL INFORMATION:

APPLICANT: Williamson, Valerie M.
APPLICANT: Kaloshlian, Isgounhl
APPLICANT: Yaghnoobi, Jafar
APPLICANT: Bodeau, John
APPLICANT: Milligan, Stephen
TITLE OF INVENTION: Procedures and Materials for Confering
TITLE OF INVENTION: Pest Resistance in Plants
NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/947,823
FILING DATE: 09-OCT-1997
CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US97/18802
FILING DATE: 09-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/028,191
FILING DATE: 10-OCT-1996
ATTORNEY/AGENT INFORMATION:

NAME: Bastian, Kevin L.

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:      REGISTRATION NUMBER: 34,774
:      REFERENCE/DOCKET NUMBER: 023070-070210US
:      TELECOMMUNICATION INFORMATION:
:      TELEPHONE: (415) 576-0200
:      TELEFAX: (415) 576-0300
:      INFORMATION FOR SEQ ID NO: 3:
:      SEQUENCE CHARACTERISTICS:
:      LENGTH: 1255 amino acids
:      TYPE: amino acid
:      TOPOLOGY: linear
:      MOLECULE TYPE: protein
:
US-08-947-823-3

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Query Match	13.1%	Score 65:	DB 4:	Length 1255:
Best Local Similarity	23.9%	Pred. No. 19:		
Matches 22:	Conservative 16:	Mismatches 44:	Indels 10:	Gaps 3:

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Db 48 IKLMARICTYVGLSC---SDFEQFEDIMTR-----KRGVEENLIQPLDDVYFVSIIS 98
QY 61 KFKQCFLNDQSHRTLNKFGMLMHTVYDSIMCNM 92
  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||
Db 99 NMDDC-ISTLTHRSYKSDAILEMDQIDFLFLNL 129

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Search completed: July 17, 2001, 15:49:43
Job time: 225 sec

SEQ ID# 10 (TUL84)

ALIGNMENTS

RESULT 1
US-08-821-451A-2
Sequence 2, Application US/08821451A
Patent No. 6066724
GENERAL INFORMATION:
APPLICANT: Jian NI, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/821,451A
FILING DATE: March 21, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/014,724
FILING DATE: March 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-08-821-451A-2

Query Match 92.4%; Score 424; DB 3; Length 90;
Best Local Similarity 94.4%; Pred. No. 8,9e-48;
Matches 85; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

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DB 1 MRLSVCLIMVSLACCTOAHALVCPAVASEITVFLPSDAVNLQVAKINPPPEALAAKL 60
QY 61 EVKHCIDQISFKERLSIKKSWGIYKKGCV 90
DB 61 EVKHCIDQISFKERLSIKKSWGIYKKGCV 90

RESULT 2
US-08-263-810-2
Sequence 2, Application US/09263810
Patent No. 6174992
GENERAL INFORMATION:

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GenCore version 4.5
Copyright (c) 1993 - 2000 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: July 17, 2001, 15:45:58 ; Search time 25.42 seconds
(without alignments)
71.322 Million cell updates/sec

Title: US-09-549-342A-2

Perfect score: 450
Sequence: 1 MKLSVCLLVTLALOCYQAN.....LQKSLAEVLKILKCSV 90

Scoring table:

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Gapop 10.0 , Gapext 0.5

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Total number of hits satisfying chosen parameters: 193259

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

Issued Patents AA:*
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2: /cgn2_6/ptodata/2/1aa/5B_COMB.pep:*
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4: /cgn2_6/ptodata/2/1aa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/PTOTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/1aa/ackfilest1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	450	100.0	90	US-08-821-451A-4	Sequence 4, Appl1
2	450	100.0	90	US-09-263-810-4	Sequence 4, Appl1
3	450	100.0	90	US-08-912-276-15	Sequence 15, Appl1
4	342	76.0	69	US-08-912-276-23	Sequence 23, Appl1
5	277	61.6	90	US-08-821-451A-2	Sequence 2, Appl1
6	277	61.6	90	US-09-263-810-2	Sequence 2, Appl1
7	219	48.7	45	US-08-912-276-22	Sequence 22, Appl1
8	202	44.9	90	US-08-821-451A-25	Sequence 25, Appl1
9	202	44.9	90	US-08-821-451A-26	Sequence 26, Appl1
10	202	44.9	90	US-09-263-810-25	Sequence 25, Appl1
11	202	44.9	90	US-09-263-810-26	Sequence 26, Appl1
12	110	24.4	91	US-08-455-896-8	Sequence 8, Appl1
13	110	24.4	91	US-08-933-149-8	Sequence 8, Appl1
14	110	24.4	91	US-09-082-343-8	Sequence 8, Appl1
15	110	24.4	91	US-09-082-343-8	Sequence 8, Appl1
16	110	24.4	91	US-09-082-343-8	Sequence 8, Appl1
17	110	24.4	91	PCT-US96-08235-8	Sequence 8, Appl1
18	80	17.8	22	US-08-912-276-21	Sequence 21, Appl1
19	75.5	16.8	15	US-08-912-276-16	Sequence 16, Appl1
20	75	16.7	93	US-08-964-725-14	Sequence 14, Appl1
21	73	16.2	16	US-08-912-276-19	Sequence 19, Appl1
22	72	16.0	16	US-08-912-276-18	Sequence 18, Appl1
23	70	15.6	109	US-07-662-193-5	Sequence 5, Appl1
24	70	15.6	109	US-08-300-928C-8	Sequence 8, Appl1
25	70	15.6	109	US-08-430-944D-8	Sequence 8, Appl1
26	70	15.6	109	US-08-430-014-8	Sequence 8, Appl1
27	70	15.6	109	US-08-431-184-8	Sequence 8, Appl1

28	69	15.3	1621	US-08-922-927-3	Sequence 3, Appl1
29	66.5	14.8	224	US-08-287-959-6	Sequence 6, Appl1
30	66.5	14.8	3079	PCT-US94-00198-4	Sequence 4, Appl1
31	66	14.7	16	US-08-912-276-20	Sequence 20, Appl1
32	62	13.8	109	US-07-807-529A-6	Sequence 6, Appl1
33	62	13.8	109	PCT-US93-02462-6	Sequence 6, Appl1
34	62	13.8	111	US-07-662-193-4	Sequence 4, Appl1
35	62	13.8	111	US-08-300-928C-6	Sequence 6, Appl1
36	62	13.8	111	US-08-430-944D-6	Sequence 6, Appl1
37	62	13.8	111	US-08-430-014-6	Sequence 6, Appl1
38	62	13.8	111	US-08-431-184-6	Sequence 6, Appl1
39	62	13.8	145	US-08-832-535-2	Sequence 2, Appl1
40	62	13.8	145	US-09-019-485-2	Sequence 2, Appl1
41	62	13.8	145	US-09-019-485-3	Sequence 3, Appl1
42	62	13.8	145	US-09-431-480-9	Sequence 9, Appl1
43	62	13.8	178	US-08-791-522-1	Sequence 1, Appl1
44	62	13.8	178	US-09-314-777-1	Sequence 1, Appl1
45	60.5	13.4	92	US-07-807-529A-2	Sequence 2, Appl1

ALIGNMENTS

RESULT 1
US-08-821-451A-4
Sequence 4, Application US/08821451A
Patent No. 6065724.
GENERAL INFORMATION:
APPLICANT: Jian NI, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
TITLE OF INVENTION: Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/821,451A
FILING DATE: March 21, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/014,724
FILING DATE: March 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PR257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ. ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-08-821-451A-4

Query Match 100.0%; Score 450; DB 3; Length 90;
Best Local Similarity 100.0%; Pred. No. 2.4e-49;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVTLALCCYQANAEFCPALVSELDFFFISEPLFKLSLAKFDAPPEAVAAKL 60
DB 1 MKLSVCLLVTLALCCYQANAEFCPALVSELDFFFISEPLFKLSLAKFDAPPEAVAAKL 60
QY 61 GVKRCTDOMSLOKRSLLAEVLVKILKCSV 90
DB 61 GVKRCTDOMSLOKRSLLAEVLVKILKCSV 90

RESULT 2

US-09-263-810-4
Sequence 4, Application US/09263810
Patent No. 6174992

GENERAL INFORMATION:

APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARBELA, BRYNE, BAIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,810
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-09-263-810-4

Query Match 100.0%; Score 450; DB 4; Length 90;
Best Local Similarity 100.0%; Pred. No. 2.4e-49;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVTLALCCYQANAEFCPALVSELDFFFISEPLFKLSLAKFDAPPEAVAAKL 60
DB 1 MKLSVCLLVTLALCCYQANAEFCPALVSELDFFFISEPLFKLSLAKFDAPPEAVAAKL 60
QY 61 GVKRCTDOMSLOKRSLLAEVLVKILKCSV 90
DB 61 GVKRCTDOMSLOKRSLLAEVLVKILKCSV 90

RESULT 3
US-08-912-276-15
Sequence 15, Application US/08912276
Patent No. 6183952
GENERAL INFORMATION:

APPLICANT: Billing-Medel, Patricia A.
APPLICANT: Cohen, Maurice
APPLICANT: Colpitts, Tracey L.
APPLICANT: Friedman, Paula N.
APPLICANT: Gordon, Julian
APPLICANT: Granados, Edward N.
APPLICANT: Hodges, Steven C.
APPLICANT: Klass, Michael R.
APPLICANT: Kratochvil, Jon D.
APPLICANT: Roberts-Rapp, Lisa
APPLICANT: Russell, John C.
APPLICANT: Stroupe, Steven D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,276
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 5972.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 6183952e
US-08-912-276-15

Query Match 100.0%; Score 450; DB 4; Length 90;
Best Local Similarity 100.0%; Pred. No. 2.4e-49;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVTLALCCYQANAEFCPALVSELDFFFISEPLFKLSLAKFDAPPEAVAAKL 60
DB 1 MKLSVCLLVTLALCCYQANAEFCPALVSELDFFFISEPLFKLSLAKFDAPPEAVAAKL 60
QY 61 GVKRCTDOMSLOKRSLLAEVLVKILKCSV 90
DB 61 GVKRCTDOMSLOKRSLLAEVLVKILKCSV 90

RESULT 4
US-08-912-276-23
Sequence 23, Application US/08912276
Patent No. 6183952
GENERAL INFORMATION:
APPLICANT: Billing-Medel, Patricia A.
APPLICANT: Cohen, Maurice
APPLICANT: Colpitts, Tracey L.


```

1  APPLICANT: Friedman, Paula N.
2  APPLICANT: Gordon, Julian
3  APPLICANT: Granados, Edward N.
4  APPLICANT: Hodges, Steven C.
5  APPLICANT: Klass, Michael R.
6  APPLICANT: Kratochvil, Jon D.
7  APPLICANT: Roberts-Rapp, Lisa
8  APPLICANT: Russell, John C.
9  APPLICANT: Stroupe, Steven D.
10 TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
11   NUMBER OF INVENTION: FOR DETECTING DISEASES OF THE BREAST
12   NUMBER OF SEQUENCES: 25
13 CORRESPONDENCE ADDRESS:
14 ADDRESS: Abbott Laboratories
15 STREET: 100 Abbott Park Road
16 CITY: Abbott Park
17 STATE: IL
18 COUNTRY: USA
19 ZIP: 60064-3500
20
21 COMPUTER READABLE FORM:
22 MEDIUM TYPE: Diskette
23 COMPUTER: IBM Compatible
24 OPERATING SYSTEM: DOS
25 SOFTWARE: FASTSEQ for Windows Version 2.0
26
27 CURRENT APPLICATION DATA:
28 APPLICATION NUMBER: US/08/912,276
29
30 FILING DATE:
31 CLASSIFICATION:
32 PRIOR APPLICATION DATA:
33 APPLICATION NUMBER:
34
35 FILING DATE:
36 ATTORNEY/AGENT INFORMATION:
37 NAME: Becker, Cheryl L
38 REGISTRATION NUMBER: 35,441
39 REFERENCE/DOCKET NUMBER: 5972. US.P1
40 TELECOMMUNICATION INFORMATION:
41 TELEPHONE: 847/935-1729
42 TELEFAX: 847/938-2623
43
44 TELEX:
45
46 INFORMATION FOR SEQ ID NO: 23:
47 SEQUENCE CHARACTERISTICS:
48 LENGTH: 69 amino acids
49 TYPE: amino acid
50 STRANDEDNESS: single
51 TOPOLOGY: linear
52 MOLECULE TYPE: No. 6183952e
53
54 08-912-276-23
55
56 Query Match 76.0%; Score 342; DB 4; Length 69;
57 Best Local Similarity 100.0%; Pred. No. 5.8e-36;
58 Matches 69; Conservative 0; Mismatches 0; Indels 0; Gaps 0.
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ADDRESS: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/821,451A
FILING DATE: March 21, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/014,724
FILING DATE: March 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (P257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-08-821-451A-2

Query Match      61.6%; Score 277; DB 3; Length 90;
Best Local Similarity 58.9%; Pred. No. 1,1e-27;
Matches 53; Conservative 17; Mismatches 20; Indels 0; Gaps 0;

QY      1  MKLSCLLVLTALCCYQANAEFCALVSELDFFFISEPLFKLSLARFDAPPEAVAKL 60
Db      1  MKLSCLLVLTALCCYQAHALCPVAVASETVLFLESDAAYNIQVAKLNPPPEALAKL 60
QY      61  GKRCCTDQMSLRSLIAEVLVKIKKCSV 90
        |||||:|:|:|:|:|:|:|:|:|:|:|:|:|
Db      61  EVKHCTDQISFRKRRLSEKLVLEIVKKGCV 90

RESULT      6
US-09-263-810-2
; Sequence 2, Application US/09263810
; Patent No. 6174892
GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
TITLE OF INVENTION: Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARILLA, BYRNE, BAIN, GILFILLAN,
ADDRESS: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,810
FILING DATE:

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CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-09-263-810-2

Query Match 61.6%; Score 277; DB 4; Length 90;
Best Local Similarity 58.9%; Pred. No. 1,1e-27;
Matches 53; Conservative 17; Mismatches 20; Indels 0; Gaps 0;

QY 1 MRLSVCLLVLTALCCYQNAEFCPLVSELDFFITSEPLEKSLAKFDAPPEAVAAKL 60
1:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 1 MRLSVCLLVLTALCCYQNAEFCPLVSELDFFITSEPLEKSLAKFDAPPEAVAAKL 60

QY 61 GVKRCTDMSLQKRSLLAEVLVKILKCSV 90
1:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 61 EVKCHTDQISFKKRLSEKRVLEIVTKKCV 90

RESULT 7
US-08-912-276-22
Sequence 22, Application US/08912276
Patent No. 6183952
GENERAL INFORMATION:
APPLICANT: Billing-Medel, Patricia A.
APPLICANT: Cohen, Maurice
APPLICANT: Colpitts, Tracey L.
APPLICANT: Friedman, Paula N.
APPLICANT: Gordon, Julian
APPLICANT: Granados, Edward N.
APPLICANT: Hodges, Steven C.
APPLICANT: Klass, Michael R.
APPLICANT: Kratochvil, Jon D.
APPLICANT: Roberts-Rapp, Lisa
APPLICANT: Russell, John C.
APPLICANT: Stroupe, Steven D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
TITLE OF INVENTION: FOR DETECTING DISEASES OF THE BREAST
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,276
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 5972.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 45 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 6183952e
US-08-912-276-22

Query Match 48.7%; Score 219; DB 4; Length 45;
Best Local Similarity 100.0%; Pred. No. 8.6e-21;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 46 LAKFDAPPEAVAAKLGVKRCTDMSLQKRSLLAEVLVKILKCSV 90
1:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 1 LAKFDAPPEAVAAKLGVKRCTDMSLQKRSLLAEVLVKILKCSV 45

RESULT 8
US-08-821-451A-25
Sequence 25, Application US/08821451A
Patent No. 6066724
GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/821,451A
FILING DATE: March 21, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/014,724
FILING DATE: March 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-08-821-451A-25

COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263.810
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-09-263-810-26

Query Match 44.9%; Score 202; DB 4; Length 90;
Best Local Similarity 48.4%; Pred. No. 2,6e-18;
Matches 44; Conservative 15; Mismatches 30; Indels 2; Gaps 2;

QY 1 MKLSVCLLVLTALCCYQANA-EPCPAVSELDFFFISEPLFKLSIAKPDAPPEAVAAKL 59
DB 1 IELSLCLLIM-LAVCCYENASQICELVAHETISFLMSEELKELEYNAAPPAVEAK 59
QY 60 LGVKRCTDOMSLQKRSLLAEVLVKILKKCSV 90
DB 60 LEVKRCVDMNSGDRVLVAETLVLYFLIEGCV 90

RESULT 12
US-08-455-896-8
Sequence 8, Application US/08455896
Patent No. 5668267
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,896
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197

REFERENCE/DOCKET NUMBER: 952726
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 91 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
US-08-455-896-8

Query Match 24.4%; Score 110; DB 1; Length 91;
Best Local Similarity 31.0%; Pred. No. 8,7e-07;
Matches 26; Conservative 17; Mismatches 41; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTALCCYQANA-EPCPAVSELDFFFISEPLFKLSIAKPDAPPEAVAAKL 60
DB 1 MKLAVTLVLTALCCSSASAEICPFQVIEITLMDTFSYEAMLEFSPQDMREAGA 60
QY 61 GVKRCTDOMSLQKRSLLAEVLVKI 84
DB 61 OLKIVDTLPKPKRESIIKIMERI 84

RESULT 13
US-08-933-149-8
Sequence 8, Application US/08933149
Patent No. 5922836
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
TITLE OF INVENTION: MAMMAGLOBIN, A SECRETED
TITLE OF INVENTION: MAMMARY SPECIFIC BREAST CANCER PROTEIN
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/933,149
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: HENDERSON, MELODIE W.
REGISTRATION NUMBER: 37,848
REFERENCE/DOCKET NUMBER: 6029-6040
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 91 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
US-08-933-149-8

Query Match 24.4%; Score 110; DB 2; Length 91;

Best Local Similarity 31.0%; Pred. No. 8,7e-07;
Matches 26; Conservative 17; Mismatches 41; Indels 0; Gaps 0;

QY 1 MKLSVCLLVTLALCCYQANAEFCPALVSELDFFFISEPLFKLSLAKFDAPPEAVAKL 60
Db 1 MKLAVTLVTLALCCSSASAEICPSFORVETILMDTPSSYEAMELFSPDQMRAGA 60
QY 61 GVKRCTDMSLOKRSIAEVLVKI 84
Db 61 QLKRLVDTLPQKPRESTIKIMEKI 84

RESULT 14

US-09-082-343-8
Sequence 8, Application US/09082343
Patent No. 5968754
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTHY P.
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESSES:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/082,343
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/455,896
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 952726
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 91 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
US-09-082-343-8

Query Match 24.4%; Score 110; DB 2; Length 91;
Best Local Similarity 31.0%; Pred. No. 8,7e-07;
Matches 26; Conservative 17; Mismatches 41; Indels 0; Gaps 0;

QY 1 MKLSVCLLVTLALCCYQANAEFCPALVSELDFFFISEPLFKLSLAKFDAPPEAVAKL 60
Db 1 MKLAVTLVTLALCCSSASAEICPSFORVETILMDTPSSYEAMELFSPDQMRAGA 60

QY 61 GVKRCTDMSLOKRSIAEVLVKI 84
Db 61 QLKRLVDTLPQKPRESTIKIMEKI 84

RESULT 15

US-09-082-253-8
Sequence 8, Application US/09082253
Patent No. 6004756
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTHY P.
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESSES:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/082,253
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/455,896
FILING DATE: 05/31/1995
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 952726
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 91 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
US-09-082-253-8

Query Match 24.4%; Score 110; DB 3; Length 91;
Best Local Similarity 31.0%; Pred. No. 8,7e-07;
Matches 26; Conservative 17; Mismatches 41; Indels 0; Gaps 0;

QY 1 MKLSVCLLVTLALCCYQANAEFCPALVSELDFFFISEPLFKLSLAKFDAPPEAVAKL 60
Db 1 MKLAVTLVTLALCCSSASAEICPSFORVETILMDTPSSYEAMELFSPDQMRAGA 60

QY 61 GVKRCTDMSLOKRSIAEVLVKI 84
Db 61 QLKRLVDTLPQKPRESTIKIMEKI 84

Search completed: July 17, 2001, 15:49:42
Job time: 224 sec

